

REMARKS

In the Office Action, the Examiner indicated that claims 1-6, 20-41, and 50-55 are rejected. The Examiner further indicated that claims 7-22, 31-39, and 42-49 are objected to as being dependent upon a rejected base claim. In view of the terminal disclaimers submitted herewith and remarks submitted below, the claims have not been amended to include all of the limitations of the base claim and any intervening claims. Claims 51-52 and 54-55 have been amended to correct the limitation “adapted for.” Applicant believes that the rejection of claims 50 and 53 under 35 USC 101 have been addressed. Claims 1-55 remain pending.

NON-STATUTORY DOUBLE-PATENTING REJECTION

The Examiner has rejected claim 1 on the ground of non-statutory obviousness-type double patenting as being unpatentable over claim 12 of U.S. Patent No. 6,195,705. Moreover, the Examiner has also rejected claims 51-53 on the ground of non-statutory obviousness-type double patenting as being unpatentable over claim 29, 34, and 24 of U.S. Patent No. 6,487,605. In response to the non-statutory double patenting rejections, Applicant submits terminal disclaimers herewith.

REJECTION OF CLAIMS 1-6 AND 23-30 UNDER 35 USC 102(E)

The Examiner rejects claims 1-6 and 23-30 under 35. U.S.C. 102(e) as being anticipated by Leung (U.S. Patent No. 6,195,705). Applicant respectfully traverses the rejection of these claims.

Claims 1 and 23 each recites “sending a multicast message to a virtual router group to which the Home Agent belongs and with which the Home Agent shares a virtual IP address, the multicast message notifying the virtual router group of the registration.” The Examiner notes that claim 12, lines 7-10 of U.S. Patent No. 6,195,705 suggest an active mobility/Home Agent on a network segment sending a message to an additional device(s) sharing the virtual

IP address.

Applicant respectfully submits that a multicast message is a specific type of message that may be sent to a group (e.g., virtual router group). U.S. Patent No. 6,195,705 neither discloses nor suggests sending a multicast message, nor does it disclose or suggest sending such a message to a virtual router group, where the message notifies the virtual router group of the registration. Accordingly, Applicant respectfully submits that claims 1 and 23 are patentable over the cited art.

Claim 26 recites “sending a multicast mobility binding table request to the redundancy group indicating that bindings present in a mobility binding table maintained by one or more members of the redundancy group are requested.” Applicant respectfully submits that claim 26 is patentable for similar reasons. More particularly, U.S. Patent No. 6,195,705 neither discloses nor suggests sending a multicast message to a redundancy group. Accordingly, Applicant respectfully submits that claim 26 is also patentable over the cited art.

Based on the foregoing, it is submitted that the independent claims are patentable over the cited reference. In addition, it is submitted that the dependent claims are also patentable for at least the same reasons. The additional limitations recited in the independent claims or the dependent claims are not further-discussed as the above-discussed limitations are clearly sufficient to distinguish the claimed invention from the cited references. Thus, it is respectfully requested that the Examiner withdraw the rejection of the claims under 35 USC §102.

SUMMARY

An early Notice of Allowance is earnestly solicited. If there are any issues remaining which the Examiner believes could be resolved through either a Supplemental Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned attorney at the telephone number listed below.

Applicants hereby petition for an extension of time which may be required to maintain the pendency of this case, and any required fee for such extension or any further fee required in connection with the filing of this Amendment is to be charged to Deposit Account No. 50-0388 (Order No. CISC206).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

A handwritten signature in black ink, appearing to be 'Elise R. Heilbrunn', written in a cursive style.

Elise R. Heilbrunn

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